

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 33-R-0129
CUSTOMER NUMBER: 580

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

10/1/06 - 9/30/07

Northwestern University
320 E Superior St Searle Bldg Room 13-503
Chicago, IL 60611

Telephone: (312) -908-8257

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

(b)(2)High, (b)(7)(F)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	3	0	53	0	53
5. Cats	9	0	115	0	115
6. Guinea Pigs	4	7	41	0	48
7. Hamsters	0	0	0	0	0
8. Rabbits	15	2	391	0	393
9. Non-human Primates	3	21	17	0	38
10. Sheep	0	0	0	0	0
11. Pigs	5	0	121	0	121
12. Other Farm Animals					
chinchillas	6	0	24	6	30
13. Other Animals					
deer mice	0	30	0	0	30
gerbils	34	9	308	0	317
ground squirrels	87	19	0	0	19

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

(b)(6),(b)(7)(c)

(absolutely.)

(b)(6),(b)(7)(c)

DATE SIGNED

16 Nov 07

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 33R - 0129

2. Number 6 chinchillas of animals used in this study.

3. Species (common name) chinchilla of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Chinchillas are exposed to loud noise (100 db, 8-16 kHz). It is assumed that exposure to this level of noise is probably unpleasant and perhaps painful. Chinchillas exposed to this level of noise do not run away, but instead close their pinnae and freeze. The pinna position is measured.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The mechanism of this noxious sensation, and ultimately to test for the existence of nociceptive neurons in the cochlea is being investigated. It is essential that the animal is unanesthetized since the reaction of the animal to the noise is the objective to this study.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____